



EZASSI CASE STUDY

Advancing NASA's Technology Scouting

Improve technology scouting processes to better align with UN Sustainable Development Goals (SDGs)

Objectives

1. Understanding the UN SDGs and their relevance to NASA.
2. Identifying major global problems addressed by the SDGs.
3. Finding major capabilities and solutions that align with these goals.
4. Leveraging NASA's existing technology to contribute to the SDGs.





Comprehensive Solution Approach

Training Sessions

Introduction of group training sessions on the Ezassi Technology Discovery SaaS platform to enhance scouting skills.

Research Template

Development of a reproducible research template to standardize data capture, ensuring consistency across the research department.

Tangible Results & Achievements

Training Impact

Successfully conducted 5 technology training and consultation sessions.

Strategic Development

Created a repeatable research strategy that uncovered key aspects of desired research areas.

Research Enablement

Provided an Ezassi branded research template for comprehensive use in all research initiatives, along with advanced keyword search strategies to identify technology opportunities effectively.



Ezassi Tools to Power Innovation

Innovation Management Products

- **Idea Management Software**
Full solution for internal and external Ideation
- **Technology Discovery Software**
Scout the digital horizon for new methods and technologies
- **Pipeline Management Software**
Channel these ideas into a flow of breakthrough innovations

Innovation Management Services

- **Innovation Consulting Services**
Innovation Strategy Solutions and Innovation Program Management
- **Technology Discovery Services**
Technology Scouting, Technology Trends Analysis and Horizon Scans, identifying strategic insights, new technology partners and commercial-ready technology solutions

Case Study

NAVAIR Innovation Portfolio Manager Research

Insights and experience of the benefits of a technology discovery platform for Aerospace and Defense sector R&D
<https://ezassi.com/portfolio-managers-journey-knowledge-scouting/>

Outcome and Future Direction

Scientist Training

Trained 20 NASA research scientists, equipping them with advanced technology scouting skills.

Research Opportunities

Uncovered 6 new research opportunities, enabling the creation of business cases for further exploration.

Efficiency Gains

Achieved an approximate savings of 10 hours per search, significantly enhancing productivity and focus on strategic initiatives.

Next Steps

Discuss the potential for expanding the scope of technology scouting to include more SDGs and exploring further integration of NASA's technologies in global sustainability efforts.

